

PU/09

Serial Number: 09/719,277

Crit. Processing Date: 1/30/2001
 Edited by: [Signature]
 Verified by: [Signature] (STIC staff)

ENTERED

#8

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☒ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING DATE: 02/06/2001
PATENT APPLICATION: US/09/719,277 TIME: 10:28:41

Input Set : A:\Pto.amc
Output Set: N:\CRF3\02062001\I719277.raw

3 <110> APPLICANT: Andrea Branch, Jose Walewski, and Dechard Stump
5 <120> TITLE OF INVENTION: NOVEL HEPATITIS C VIRUS PEPTIDES AND USES THEREOF
8 <130> FILE REFERENCE: RII-003PC
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/719,277
C--> 11 <141> CURRENT FILING DATE: 2000-12-08
13 <160> NUMBER OF SEQ ID NOS: 8
15 <170> SOFTWARE: PatentIn Ver. 2.0
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 595
19 <212> TYPE: DNA
20 <213> ORGANISM: Hepatitis C virus
22 <400> SEQUENCE: 1
23 gcacgaatcc taaacctcaa agaaaaacca aacgtaacac caaccgtcgc ccacaggacg 60
24 tcaagttccc ggggtggcgggt cagatcggtt gtggagttaa cttgttgccg cgcaggggcc 120
25 ctagattggg tgtgcgcgcg acgaggaaga cttccgagcg gtcgcaacct cgaggtagac 180
26 gtcagcctat cccaaggca cgtcggcccc agggcaggac ctggggtcag cccgggtacc 240
27 cttggccct ctatggcaat gagggttgcg ggtgggcggg atggctcctg tctcccgctg 300
28 gctctcgccc tagctggggc cccacagacc cccggcgtag gtcgcgcaat ttgggtaagg 360
29 tcatcgatac cttacgtgc ggcttcgcgc acctcatggg gtacataccg ctctcgggcg 420
30 cccctcttgg aggcgctgcc agggcccttg cgcattggcg cggggttctg gaagacggcg 480
31 tgaactatgc aacaggaac cttcctggtt gctctttctc tatcttcctt ctggccctgc 540
32 tctcttgccct gactgtgccc gcttcagcct accaagtgcg caattcctcg gggct 595
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 196
36 <212> TYPE: PRT
37 <213> ORGANISM: Hepatitis C virus
39 <400> SEQUENCE: 2
40 Ala Arg Ile Leu Asn Leu Lys Glu Lys Pro Asn Val Thr Pro Thr Val
41 1 5 10 15
43 Ala His Arg Thr Ser Ser Ser Arg Val Ala Val Arg Ser Leu Val Glu
44 20 25 30
46 Phe Thr Cys Cys Arg Ala Gly Ala Leu Asp Trp Val Cys Ala Arg Arg
47 35 40 45
49 Gly Arg Leu Pro Ser Gly Arg Asn Leu Glu Val Asp Val Ser Leu Ser
50 50 55 60
52 Pro Arg His Val Gly Pro Arg Ala Gly Pro Gly Leu Ser Pro Gly Thr
53 65 70 75 80
55 Leu Gly Pro Ser Met Ala Met Arg Val Ala Gly Gly Arg Asp Gly Ser
56 85 90 95
59 Cys Leu Pro Val Ala Leu Gly Leu Ala Gly Ala Pro Gln Thr Pro Gly
60 100 105 110
62 Val Gly Arg Ala Ile Trp Val Arg Ser Ser Ile Pro Leu Arg Ala Ala
63 115 120 125
65 Ser Pro Thr Ser Trp Gly Thr Tyr Arg Ser Ser Ala Pro Leu Leu Glu
66 130 135 140
68 Ala Ala Pro Gly Pro Trp Arg Met Ala Ser Gly Phe Trp Lys Thr Ala
69 145 150 155 160

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Input Set : A:\Pto.amc

Output Set: N:\CRF3\02062001\I719277.raw

71 Thr Met Gln Gln Gly Thr Phe Leu Val Ala Leu Ser Leu Ser Ser Phe
 72 165 170 175

74 Trp Pro Cys Ser Leu Ala Leu Cys Pro Leu Gln Pro Thr Lys Cys Ala
 75 180 185 190

77 Ile Pro Arg Gly

78 195

81 <210> SEQ ID NO: 3

82 <211> LENGTH: 13

83 <212> TYPE: PRT

84 <213> ORGANISM: Hepatitis C virus

86 <220> FEATURE:

87 <223> OTHER INFORMATION: at location 8, X is N or K

89 <220> FEATURE:

90 <223> OTHER INFORMATION: at location 9, X is V or E

92 <220> FEATURE:

93 <223> OTHER INFORMATION: at location 13, X is A or V

95 <400> SEQUENCE: 3

W06 96 Leu Asn Leu Lys Glu Lys Pro Xaa Xaa Thr Pro Thr Xaa
 97 1 5 10

100 <210> SEQ ID NO: 4

101 <211> LENGTH: 13

102 <212> TYPE: PRT

103 <213> ORGANISM: Hepatitis C virus

105 <220> FEATURE:

106 <223> OTHER INFORMATION: at location 6, X is L or S

108 <220> FEATURE:

109 <223> OTHER INFORMATION: at location 10, X is A or V

111 <220> FEATURE:

112 <223> OTHER INFORMATION: at location 11, X is A or V

114 <400> SEQUENCE: 4

W06 115 Ala Ala His Arg Thr Xaa Ser Ser Arg Xaa Xaa Val Arg
 116 1 5 10

119 <210> SEQ ID NO: 5

120 <211> LENGTH: 14

121 <212> TYPE: PRT

122 <213> ORGANISM: Hepatitis C virus

124 <400> SEQUENCE: 5

125 Leu Asn Leu Lys Glu Lys Pro Asn Val Thr Pro Thr Ala Cys

126 1 5 10

129 <210> SEQ ID NO: 6

130 <211> LENGTH: 14

131 <212> TYPE: PRT

132 <213> ORGANISM: Hepatitis C virus

134 <400> SEQUENCE: 6

135 Ala Ala His Arg Thr Ser Ser Ser Arg Ala Val Val Arg Cys

136 1 5 10

139 <210> SEQ ID NO: 7

140 <211> LENGTH: 18

141 <212> TYPE: PRT

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Input Set : A:\Pto.amc

Output Set: N:\CRF3\02062001\I719277.raw

142 <213> ORGANISM: Hepatitis C virus
144 <400> SEQUENCE: 7
145 Pro Thr Asp Pro Arg Arg Arg Ser Arg Asn Leu Gly Lys Val Ile Asp
146 1 5 10 15
148 Thr Cys
152 <210> SEQ ID NO: 8
153 <211> LENGTH: 20
154 <212> TYPE: PRT
155 <213> ORGANISM: Hepatitis C virus
157 <400> SEQUENCE: 8
158 Gly Cys Ala Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg
159 1 5 10 15
161 Arg Ala Pro Ile
162 20

09719277.041301

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/719,277

DATE: 02/06/2001

TIME: 10:28:42

Input Set : A:\Pto.amc

Output Set: N:\CRF3\02062001\I719277.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:96 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:3
L:96 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:3
L:96 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3
L:115 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:115 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:115 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:4

0919277-041301